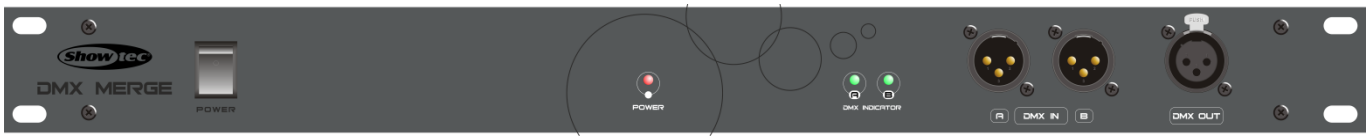
MANUAL



ENGLISH

DMX Merge V2

Ordercode: 50359

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Warning

For your own safety, please read this user manual carefully before your initial start-up!

Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

Your shipment includes:

- Showtec DMX Merge
- DMX Merge with 2m powercable
- User manual



CAUTION!
Keep this device away from rain and moisture!
Unplug mains lead before opening the housing!

Safety Instructions

Every person involved with the installation, operation and maintenance of this device has to:

- be qualified
- follow the instructions of this manual

CAUTION! Be careful with your operations.
With a dangerous voltage you can suffer
a dangerous electric shock when touching the wires!

Before your initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.
To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.
Please consider that damages caused by manual modifications to the device are not subject to warranty.
This device contains no user-serviceable parts. Refer servicing to qualified technicians only.

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

- Never let the power cord come into contact with other cables! Handle the power cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Never use anything to cover the ground contact.

- Never use the device during thunderstorms, unplug the device immediately.
- Never leave various parts of the packaging (plastic bags, polystyrene foam, nails, etc.) within children's reach, as they are potential sources of danger.
- Never leave any cables lying around.
- Do not insert objects into air vents.
- Do not open the device and do not modify the device.
- Do not connect this device to a dimmerpack.
- Do not switch the device on and off in short intervals, as this would reduce the device's life.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Only use device indoor, avoid contact with water or other liquids.
- Only operate the fixture after having checked that the housing is firmly closed and all screws are tightly fastened.
- Only operate the device after having familiarized with its functions.
- Avoid flames and do not put close to flammable liquids or gases.
- Always keep case closed while operating.
- Always disconnect power from the mains, when device is not used or before cleaning! Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- Make sure that the available voltage is not higher than stated on the rear panel.
- Make sure that the power cord is never crimped or damaged. Check the device and the power cord from time to time.
- The cable insert or the female part in the device must never be strained. There must always be sufficient cable to the device. Otherwise, the cable may be damaged which may lead to deadly electrical shocks.
- If the external cable is damaged, it has to be replaced by a qualified technician.
- If device is dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- If your Showtec device fails to work properly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Showtec dealer for service.
- For adult use only. Device must be installed out of the reach of children. Never leave the unit running unattended.
- For replacement use fuses of same type and rating only.
- The user is responsible for correct positioning and operating of the DMX Merge. The manufacturer will not accept liability for damages caused by the misuse or incorrect installation of this device.
- This device falls under protection class I. Therefore it is essential to connect the yellow/green conductor to earth.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- WARRANTY: Till one year after date of purchase.

Operating Determinations

- This device is not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.
- The minimum distance between light-output and the illuminated surface must be more than 1 meter.
- The maximum ambient temperature ta = 40°C must never be exceeded.
- The relative humidity must not exceed 50 % with an ambient temperature of 40° C.
- If this device is operated in any other way, than the one described in this manual, the product may suffer damages and the warranty becomes void.
- Any other operation may lead to dangers like short-circuit, burns, electric shock, crash etc.

You endanger your own safety and the safety of others!

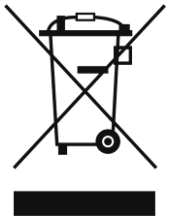
Connection with the mains

Connect the device to the mains with the power-plug.
Always pay attention, that the right color cable is connected to the right place.

International	EU Cable	UK Cable	US Cable	Pin
L	BROWN	RED	YELLOW/COPPER	PHASE
N	BLUE	BLACK	SILVER	NEUTRAL
⏚	YELLOW/GREEN	GREEN	GREEN	PROTECTIVE GROUND

Make sure that the device is always connected properly to the earth!

Improper installation can cause serious damage to people and property!



Return Procedure

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail aftersales@highlite.nl and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:

01) Your name.
02) Your address.
03) Your phone number.
04) A brief description of the symptoms.

Claims

The client has the obligation to check the delivered goods immediately upon delivery for any short-comings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.
It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.
Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless otherwise agreed in writing.
Complaints against us must be made known in writing or by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.
Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement of which the obligation is resulting.

Description of the device

Features

The DMX Merge is a 2-way DMX merge from Showtec:

- Allows you to combine two DMX controllers to one DMX line or to use a second desk as back-up desk.
- The unit has 4 modes:
    1) **HTP** (High Take Precedence) In this case you can use two similar desks with the same addressing on one line. The DMX controller with the highest value has priority.
    2) **Back-up** mode. The unit is connected to two DMX desks. Channel A has priority. Once channel A fails or has no DMX channel B takes over the show.
    3) **Merge** mode. Two desks can be merged on one line. E.g. you can run a scene setter and DMX operator on one line. The Scene Setter will operate on channel 1-96 and the DMX Operator will have the channels 97 and higher. These positions can be freely addressed by the dip-switches.
    4) **LTP** (Latest Take Precedence) In this case you can use two similar desks with the same addressing on one line. The DMX controller with the latest change has priority.
- Voltage: 230V
- Power Requirement: DC 9V, 300 mA Min. (AC/DC adapter included)
- DMX Input: two 3-pin XLR male sockets on the front panel
- Extra: two 3-pin XLR male sockets on the rear panel
- DMX output: two 3-pin XLR female sockets on the front panel
- Extra one 3-pin XLR female sockets on the rear panel
- Dimensions: 483 x 73 x 44,5 mm (LxWxH)
- Weight: 1,15 Kg

NOTE: Knowledge of DMX is required to fully utilize this unit.

Overview

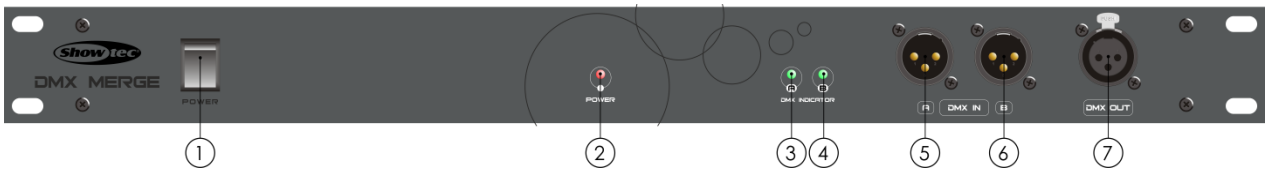


Fig. 01

01) ON / OFF-Switch
02) Power Indicator
03) DMX (A) Indicator
04) DMX (B) Indicator
05) DMX IN (A), 3 pin DMX IN connector: XLR male socket used to receive DMX signals.
06) DMX IN (B), 3 pin DMX IN connector: XLR male socket used to receive DMX signals.
07) DMX OUT 3 pin DMX OUT connector: XLR female socket used to send DMX signals.

Backside

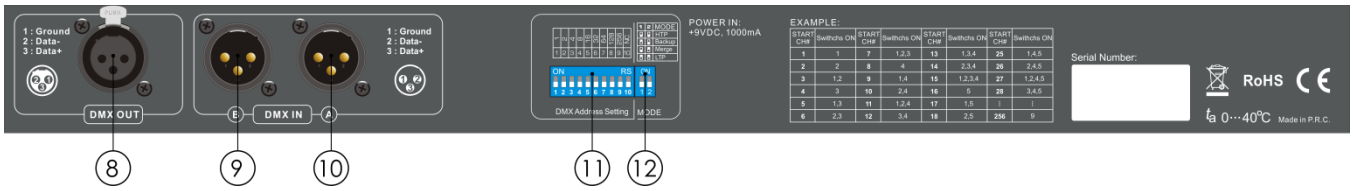


Fig. 03

08) DMX OUT, 3-pin DMX OUT connector: XLR female socket used to send DMX signals.
09) DMX IN (B) 3-pin DMX IN connector: XLR male socket used to receive DMX signals.
10) DMX IN (A) 3-pin DMX IN connector: XLR male socket used to receive DMX signals.
11) DMX Dip-Switches for addressing
12) MODE Dip-Switches
13) Power input: AC230V ~ 50Hz, 0.5A

Installation

Remove all packing materials from the DMX Merge. Check if all foam and plastic padding is removed. Connect all cables.
Do not supply power before the whole system is set up and connected properly.
Always disconnect from electric mains power supply before cleaning or servicing.
Damages caused by non-observance are not subject to warranty.

Set Up and Operation

Follow the directions below, as they pertain to your preferred operation mode.
Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 230V power, or vice versa.
Connect the device to the main power supply.

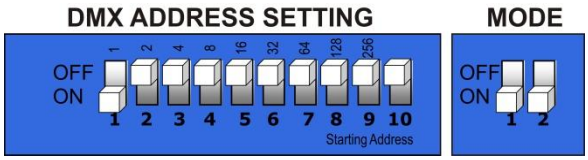
01) Before operation, make sure that the present power & DMX setup connection are correct.
02) Connect the cables of lighting control devices to the male DMX Input interfaces and the cable of dimmer to female DMX Output interface in this unit.
03) Do not supply power before the whole system is set up and connected properly.
04) When you turn the Power switch on, the Power indicator will be on, indicating that no power errors occurs in this unit.
05) When two DMX signals are present, both DMX indicators A and B will light up to indicate 2 way signal input.

Note: If only one way signal input is available, the relative DMX indicator A/B will light up.

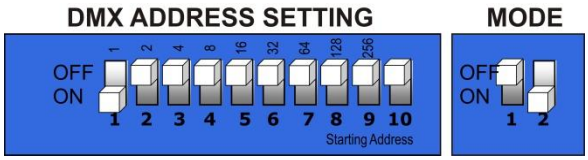
Control Modes

FUNCTIONS:

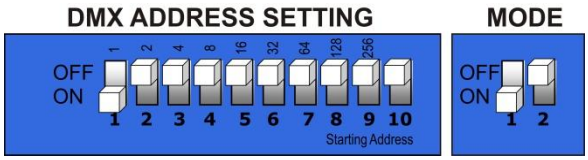
There are 4 modes: 1) HTP mode (Highest Takes Precedence)
2) Backup mode
3) Merge mode
4) LTP mode (Latest Takes Precedence)



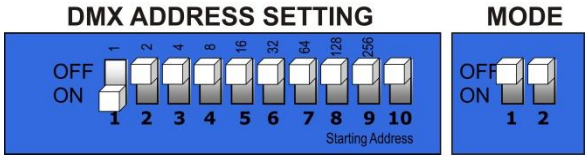
HTP mode



Backup mode



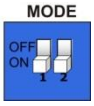
Merge mode



LTP mode

1. HTP mode (Highest Takes Precedence)

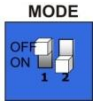
01) Set MODE Dipswitch #1 and #2 to ON.



02) When 2 DMX signals are present, the highest level between two DMX signals will take precedence and override the other DMX signal.

2. Backup mode

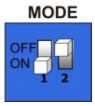
01) Set MODE Dipswitch #1 to OFF and Dipswitch #2 to ON.



02) When DMX signal A is available, it will occupy the DMX output. When DMX signal A is not available, DMX signal B will take the place of A.

3. Merge mode

01) Set MODE Dipswitch #1 to ON and Dipswitch #2 to OFF.



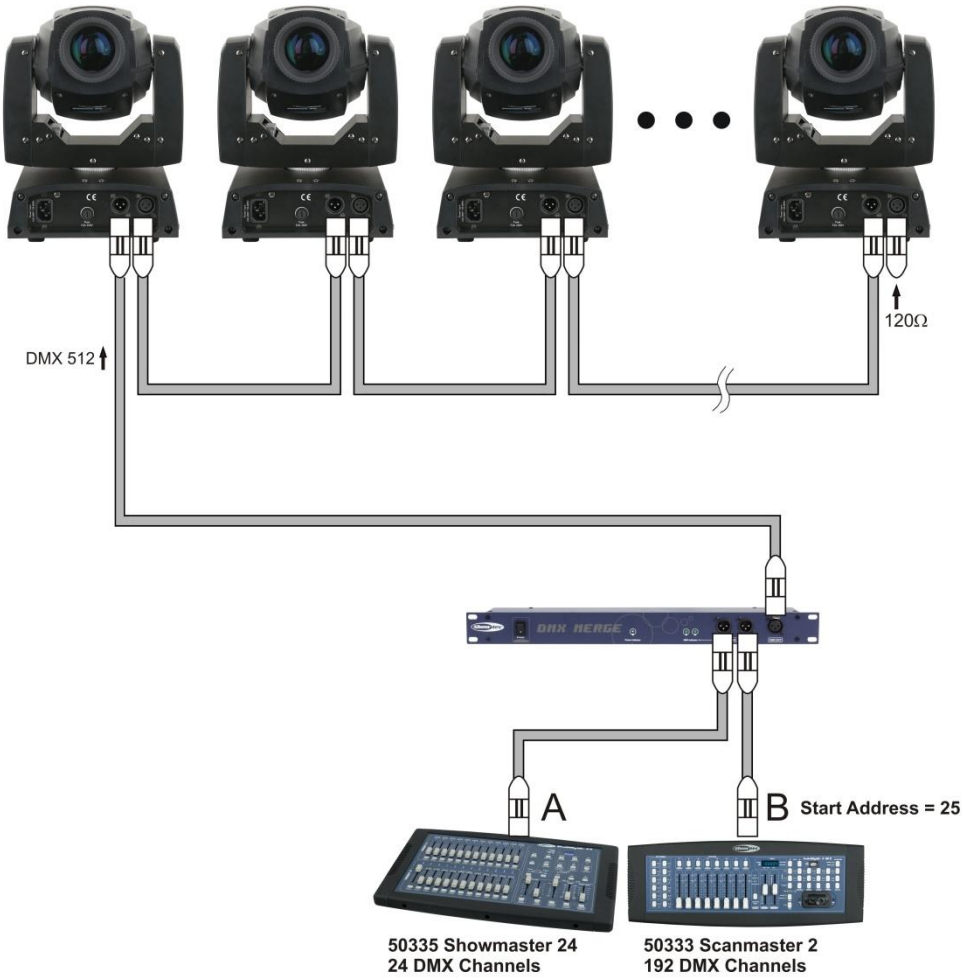
02) The MERGE mode allows the unit to combine the output of two DMX sources. You can merge DMX signals A and B into a new one for DMX output by using dipswitches #1-#9. In this case you must set the DMX starting address in the Merge mode.

03) Dipswitch #10 is not used

Example

DMX output channels 1-24 will be controlled by DMX channel 1-24 from device A (showmaster 24).
The 25th DMX output channel will be controlled by the 1st DMX channel from device B (scanmaster 2).
In this way, the two signals can be merged into one signal output.
Total output channels is 216CH.

Note : If you set dipswitch #1 to ON and the other dipswitches to OFF, the entire DMX channel output will be started by the 1st DMX channel from device B.



4. LTP mode (Latest Takes Precedence)

01) Set MODE Dipswitch #1 to OFF and Dipswitch #2 to OFF.



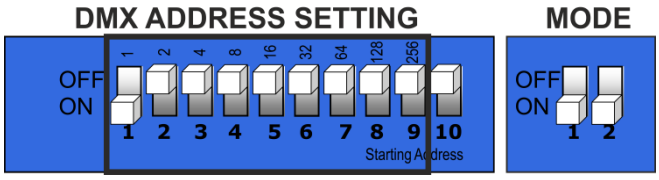
02) When 2 DMX signals are present, primarily the DMX signal of the A will take precedence and override the DMX signal of B.
03) If both DMX signals are not changing at all, DMX signal of A will take precedence and override the DMX signal of B.
04) If only DMX signal of B is changing, DMX signal of A will NOT take precedence, unless DMX signal of A begins to change.

Example

DMX products must have their own "address" to receive DMX signals. Addresses on the controller are set by flipping the appropriate Dipswitches #1 - #9:

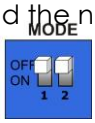
Phantom 50	**Address Value**	**DMX Dip Switches "ON"**
Unit 5	53	#1 , #3, #5, #6

Switch	**Value**	
#1	1	
#4	4	
	16	
#5	32	+
Total sum	**53**	



Example:

01) If you want to give a Phantom 50 DMX address 133, you first have to find the number 133 in the DMX Chart. (See page 9)
02) Then look at the left side (Dip Switches #1-#5) horizontally from 133. In the Table you'll see #1=ON, #2=OFF, #3=ON, #4=OFF, #5=OFF.
03) Finally look at the upper side of the table (Dip Switches #6-#9) vertically from 133. In the Table you'll see #6=OFF, #7=OFF, #8=ON, #9=OFF.



DMX Address Quick Reference Cl

DMX DIP SWITCH SET 0=OFF 1=ON	#9	0	0	0	0	0	0
	#8	0	0	0	0	1	1
	#7	0	0	1	1	0	0
	#6	0	1	0	1	0	1

#1	#2	#3	#4	#5							
0	0	0	0	0		32	64	96	128	160
1	0	0	0	0	1	33	65	97	129	161
0	1	0	0	0	2	34	66	98	130	162
1	1	0	0	0	3	35	67	99	131	163
0	0	1	0	0	4	36	68	100	132	164
1	0	1	0	0	5	37	69	101	133	165
0	1	1	0	0	6	38	70	102	134	166

DMX Address Quick Reference Chart

Dip Switch Position

DMX DIP SWITCH SET 0=OFF 1=ON																			
					#9	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
					#8	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1
					#7	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1
					#6	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
#1	#2	#3	#4	#5																	
0	0	0	0	0			32	64	96	128	160	192	224	256	288	320	352	384	416	448	480
1	0	0	0	0		1	33	65	97	129	161	193	225	257	289	321	353	385	417	449	481
0	1	0	0	0		2	34	66	98	130	162	194	226	258	290	322	354	386	418	450	482
1	1	0	0	0		3	35	67	99	131	163	195	227	259	291	323	355	387	419	451	483
0	0	1	0	0		4	36	68	100	132	164	196	228	260	292	324	356	388	420	452	484
1	0	1	0	0		5	37	69	101	133	165	197	229	261	293	325	357	389	421	453	485
0	1	1	0	0		6	38	70	102	134	166	198	230	262	294	326	358	390	422	454	486
1	1	1	0	0		7	39	71	103	135	167	199	231	263	295	327	359	391	423	455	487
0	0	0	1	0		8	40	72	104	136	168	200	232	264	296	328	360	392	424	456	488
1	0	0	1	0		9	41	73	105	137	169	201	233	265	297	329	361	393	425	457	489
0	1	0	1	0		10	42	74	106	138	170	202	234	266	298	330	362	394	426	458	490
1	1	0	1	0		11	43	75	107	139	171	203	235	267	299	331	363	395	427	459	491
0	0	1	1	0		12	44	76	108	140	172	204	236	268	300	332	364	396	428	460	492
1	0	1	1	0		13	45	77	109	141	173	205	237	269	301	333	365	397	429	461	493
0	1	1	1	0		14	46	78	110	142	174	206	238	270	302	334	366	398	430	462	494
1	1	1	1	0		15	47	79	111	143	175	207	239	271	303	335	367	399	431	463	495
0	0	0	0	1		16	48	80	112	144	176	208	240	272	304	336	368	400	432	464	496
1	0	0	0	1		17	49	81	113	145	177	209	241	273	305	337	369	401	433	465	497
0	1	0	0	1		18	50	82	114	146	178	210	242	274	306	338	370	402	434	466	498
1	1	0	0	1		19	51	83	115	147	179	211	243	275	307	339	371	403	435	467	499
0	0	1	0	1		20	52	84	116	148	180	212	244	276	308	340	372	404	436	468	500
1	0	1	0	1		21	53	85	117	149	181	213	245	277	309	341	373	405	437	469	501
0	1	1	0	1		22	54	86	118	150	182	214	246	278	310	342	374	406	438	470	502
1	1	1	0	1		23	55	87	119	151	183	215	247	279	311	343	375	407	439	471	503
0	0	0	1	1		24	56	88	120	152	184	216	248	280	312	344	376	408	440	472	504
1	0	0	1	1		25	57	89	121	153	185	217	249	281	313	345	377	409	441	473	505
0	1	0	1	1		26	58	90	122	154	186	218	250	282	314	346	378	410	442	474	506
1	1	0	1	1		27	59	91	123	155	187	219	251	283	315	347	379	411	443	475	507
0	0	1	1	1		28	60	92	124	156	188	220	252	284	316	348	380	412	444	476	508
1	0	1	1	1		29	61	93	125	157	189	221	253	285	317	349	381	413	445	477	509
0	1	1	1	1		30	62	94	126	158	190	222	254	286	318	350	382	414	446	478	510
1	1	1	1	1		31	63	95	127	159	191	223	255	287	319	351	383	415	447	479	511

Dip Switch Position **DMX Address**

Fixture Linking

You will need a serial data link to run light shows of one or more fixtures using a DMX-512 controller or to run synchronized shows on two or more fixtures set to a master/slave operating mode. The combined number of channels required by all the fixtures on a serial data link determines the number of fixtures the data link can support.

Important: Fixtures on a serial data link must be daisy chained in one single line. To comply with the EIA-485 standard no more than 30 devices should be connected on one data link. Connecting more than 30 fixtures on one serial data link without the use of a DMX optically isolated splitter may result in deterioration of the digital DMX signal.



Maximum recommended DMX data link distance: 100 meters
Maximum recommended number of fixtures on a DMX data link: 30 fixtures

Data Cabling

To link fixtures together, you must obtain data cables. You can purchase DAP Audio certified DMX cables directly from a dealer/distributor or construct your own cable. If you choose to create your own cable please use data-grade cables that can carry a high quality signal and are less prone to electromagnetic interference.

DAP Audio DMX Data Cables

- DAP Audio Basic microphone cable for allround use. bal. XLR/M 3-pin > XLR/F 3-pin. **Ordercode** FL01150 (1,5 m), FL013 (3 m), FL016 (6 m), FL0110 (10 m), FL0115 (15 m), FL0120 (20 m).
- DAP Audio X-type data cable XLR/M 3-pin > XLR/F 3-pin. **Ordercode** FLX0175 (0,75 m), FLX01150 (1,5 m), FLX013 (3 m), FLX016 (6 m), FLX0110 (10 m).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode** FL71150 (1,5 m), FL713 (3 m), FL716 (6 m), FL7110 (10 m).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode** FL7275 (0,75 m), FL72150 (1,5 m), FL723 (3 m), FL726 (6 m), FL7210 (10 m).
- DAP Audio 110 Ohm cable with digital signal transmission. **Ordercode** FL0975 (0,75 m), FL09150 (1,5 m), FL093 (3 m), FL096 (6 m), FL0910 (10 m), FL0915 (15 m), FL0920 (20 m).

Connection Cables

Take care of the connector cables, always holding them by the connectors and avoiding knots and twists when coiling them: This gives the advantage of increasing their life and reliability, which is always to your advantage. Periodically check that your cables are in good condition, that they are correctly wired and that all their contacts are perfectly efficient: a great number of problems are caused entirely by using unsuitable or faulty cables.

Maintenance

The operator has to make sure that safety-related and machine-technical installations are to be inspected by an expert after every year in the course of an acceptance test.
The operator has to make sure that safety-related and machine-technical installations are to be inspected by a skilled person once a year.

The following points have to be considered during the inspection:
01) All screws used for installing the device or parts of the device have to be tightly connected and must not be corroded.
02) There may not be any deformations on housings, fixations and installation spots.
03) Mechanically moving parts like axles, eyes and others may not show any traces of wearing.
04) The electric power supply cables must not show any damages or material fatigue.

The Showtec DMX Merge requires almost no maintenance. However, you should keep the unit clean. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Do not use alcohol or solvents.
Keep connections clean. Disconnect electric power, and then wipe the DMX and audio connections with a damp cloth. Make sure that the connections are thoroughly dry before linking equipment or supplying electric power.

Troubleshooting

This troubleshooting guide is meant to help solve simple problems.
If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

No Light

If the DMX Merge does not operate properly, refer servicing to a technician.
Suspect two potential problem areas: the power supply, the LEDs.
01) Power supply. Check if the unit is plugged into an appropriate power supply.
02) The LEDs. Return the DMX Merge to your Showtec dealer.
03) A LED effect does not respond to the DMX Merge: Check the DMX-address of the fixture and the controller. Make sure that they match. Make sure that the connections are correct.
04) If all of the above appears to be O.K., plug the unit in again.
05) If nothing happens after 30 seconds, unplug the device.
06) If you are unable to determine the cause of the problem, do not open the DMX Merge, as this may damage the unit and the warranty will become void.
07) Return the device to your Showtec dealer.

No Response to DMX

Response: Suspect the DMX cable or connectors, a controller malfunction, a light effect DMX card malfunction.
01) Check the DMX setting. Make sure that DMX addresses are correct.
02) Check the DMX cable: Unplug the unit; change the DMX cable; then reconnect to electrical power. Try your DMX control again.
03) Determine whether the controller or light effect is at fault. Does the controller operate properly with other DMX products? If not, take the controller in for repair. If so, take the DMX cable and the light effect to a qualified technician.

Problem	Probable cause(s)	Solution
One or more fixtures do not function at all	No power to the fixture	• Check if power is switched on and cables are plugged in
Fixtures reset correctly, but all respond erratically or not at all to the controller	The controller is not connected.	• Connect controller.
	3-pin XLR Out of the controller does not match XLR Out of the first fixture on the link (i.e. signal is reversed)	• Install a phase reversing cable between the controller and the first fixture on the link
Fixtures reset correctly, but some respond erratically or not at all to the controller	Poor data quality	• Check data quality. If much lower than 100 percent, the problem may be a bad data link connection, poor quality or broken cables, missing termination plug, or a defective fixture disturbing the link
	Bad data link connection	• Inspect connections and cables. Correct poor connections. Repair or replace damaged cables
	Data link not terminated with 120 Ohm termination plug	• Insert termination plug in output jack of the last fixture on the link
	Incorrect addressing of the fixtures	• Check address setting
	One of the fixtures is defective and disturbs data transmission on the link	• Bypass one fixture at a time until normal operation is restored: unplug both connectors and connect them directly together. • Have the defective fixture serviced by a qualified technician
	3-pin XLR Out on the fixtures does not match (pins 2 and 3 reversed)	• Install a phase-reversing cable between the fixtures or swap pin 2 and 3 in the fixture that behaves erratically
No light or LEDs cuts out intermittently	Fixture is too hot	• Allow the fixture to cool down • Clean the fan • Make sure air vents at control panel and front lens are not blocked • Turn up the air conditioning
	LEDs damaged	• Disconnect the fixture and return it to your dealer
	The power supply settings do not match local AC voltage and frequency	• Disconnect fixture. Check settings and correct if necessary

Product Specifications

Model:	DMX Merge
Voltage:	230V
Power Requirement	DC 9V, 300 mA Min. (AC/DC adapter included)
Input Voltage:	DC 9Volt - 500mA
Dimensions:	483 x 73 x 44,5 mm (LxWxH)
	1HE (3U) 19" rack mount
Weight:	1,15 kg
Operation and Programming	
Signal pin OUT:	pin 1 earth, pin 2 (-), pin 3 (+)
FRONT DMX Input:	2x 3 pin DMX IN connector: XLR male socket 1x 3 pin DMX OUT connector: XLR female socket
BACK DMX Input:	2x 3 pin DMX IN connector: XLR male socket 1x 3 pin DMX OUT connector: XLR female socket
DMX output:	two 3-pin XLR female sockets on the front panel
Signal input:	3-pin XLR signal connector IN (male)
Signal output:	3-pin XLR signal connector OUT (female)
Allows you to combine two DMX controllers to one DMX line or to use a second desk as back-up desk	
The unit has 4 modes	**HTP** (High Take Precedence)
	Back-up mode
	Merge mode
	LTP (Latest Take Precedence)
Max. ambient temperature t_a:	40°C
Minimum distance:	
Minimum distance to lighted object:	1 m

Design and product specifications are subject to change without prior notice.

CE

Website: www.Showtec.info
Email: service@highlite.nl

Dimensions


DMX MERGE
POWER
POWER
DMX INDICATOR
A
DMX IN
B
DMX OUT
44,5 mm
483 mm

Notes

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